HIMALYAN ACOUSTICS

Kool Pack & Allied Industries

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1. CORPORATE PROFILE & OPERATIONAL REACH

Himalyan Acoustics (a brand division of *Kool Pack and Allied Industries*) is a premier manufacturer and technical solutions provider specializing in high-performance soundproofing, noise isolation, and architectural acoustic treatments across India. Operating on a pan-India basis, we engineer engineered acoustic environments for corporate offices, commercial spaces, home theaters, educational institutions, auditoriums, and industrial facilities.

Pan-India	0.95 NRC	Class A
PROJECT EXECUTION REACH	MAX ABSORPTION RATING	FIRE & SAFETY STANDARD

2. KEY ACOUSTIC SOLUTIONS & APPLICATIONS

Commercial Office & Workspaces

Designed to reduce reverberation and minimize ambient sound bleed in modern open-plan offices, conference rooms, executive boardrooms, and phone booths.

- Acoustic wall paneling & hanging baffles
- Sound dampening partition systems
- Speech privacy enhancement (STC rating boost)

Home Theater & Residential Acoustics

End-to-end soundproofing and tailored internal acoustics engineered for high-fidelity audio reproduction and complete noise containment.

- Floating floor & wall decoupling systems
- Low-frequency bass traps & ceiling clouds
- Stretch fabric custom wall acoustic solutions

Auditoriums & Educational Halls

Comprehensive reverberation time (RT60) tuning for clear speech intelligibility and balanced musical acoustics in large capacity spaces.

- Perforated acoustic timber paneling
- Diffusers & absorbers integrated placement
- Compliance with ISO & IS acoustic codes

Industrial Noise Control & HVAC

Heavy-duty acoustic enclosures and silencers built to isolate machinery vibration and lower environmental noise pollution in factory settings.

- Acoustic louver walls & generator enclosures
- Duct mufflers & HVAC sound attenuation
- High-density Mass Loaded Vinyl (MLV) barriers

3. PRODUCT TECHNICAL SPECIFICATIONS

All products manufactured by Himalyan Acoustics undergo rigorous sound absorption (NRC) and fire safety testing to satisfy Indian and international architectural standards.

PRODUCT LINE	MATERIAL COMPOSITION	THICKNESS	NRC RATING	FIRE RATING
Wood Wool Panels	Pine Wood Fibers bonded with Inorganic Cement	15mm / 25mm	0.75 - 0.90	Class 1 / Class A
Fabric Acoustic Panels	High-density Glass Wool with Acoustically Transparent Fabric	25mm / 50mm	0.85 - 0.95	Class A Fire Retardant
Per forated Wooden Slats	Engineered MDF / HDF with Micro-perforations & Acoustic Fleece	16mm / 18mm	0.65 - 0.80	Flame Retardant Coated
Mass Loaded Vinyl (MLV)	High-density Viscoelastic Polymer Sheet	2mm / 4mm	STC +26 to +32 dB	Self-Extinguishing
Acoustic Ceiling Baffles	Frameless Resin-Hardened Glass Fiber Core	40mm / 50mm	0.90 - 0.95	Class A

4. TECHNICAL ENGINEERING & IMPLEMENTATION WORKFLOW

Turnkey Precision Engineering Process

Every project undertaken follows a systematic 4-step engineering roadmap to guarantee specified decibel (dB) reduction and optimal Reverberation Time (RT60) goals.

PHASE 1: DIAGNOSTIC SURVEY
Decibel testing, ambient noise floor analysis, and RT60 pre-installation measurements.

PHASE 2: CAD DESIGN & SIMULATION
Acoustic modeling to determine panel placement, coverage percentage, and material specs.

PHASE 3: PRECISION MANUFACTURING
Factory production in Himachal Pradesh with tight quality controls and quick dispatch.

PHASE 4: TURNKEY EXECUTION
On-site pan-India installation by trained acoustic technicians followed by validation testing.

GET IN TOUCH FOR PROJECT INQUIRIES
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Pan-India Services & Supply